

## CLAIMS

1. In a multi-user computer system, a method of controlling the creation of a user session, comprising processing a log-on request entered by a user, wherein the creation of the user session is halted when more than a maximum number of log-on requests are being processed simultaneously.

5 2. A method according to claim 1, wherein the creation of a user session is resumed when the creation of another user session has been completed.

10 3. A method according to claim 2, wherein each log-on request is assigned a slot at a certain position in a waiting queue of currently pending requests, wherein the log-on request is assigned to a next slot in the waiting queue when a user session has been created.

4. A method according to claim 3, wherein information on the position of the log-on request in the waiting queue is displayed to the user.

15 5. A method according to claim 3, wherein a user session of which the creation cannot be completed is detected, and the log-on request to create the user session is removed from the waiting queue.

20 6. A method according to claim 5, wherein a slot to which a log-on request has been assigned is continually updated with information regarding the creation of the requested user session, and wherein a log-on request is removed from the slot to which it has been assigned if the slot is not updated.

7. A method according to claim 1, wherein a user is provided with an option to cancel a log-on request when the creation of the user session is halted.

8. A method according to claim 7, wherein a user is provided with an option to cancel a log-on request together with the information displayed to the user.

25 9. A method according to claim 1, wherein statistics relating to the creation of user sessions during a certain time interval are updated when the creation of a user session has been completed.

30 10. A multi-user computer system, comprising at least one terminal for a user to enter a log-on request for creation of a user session, wherein the system further comprises means for determining the number of log-on requests simultaneously being processed, and means for halting the creation of the user session if the number of log-on requests simultaneously being processed exceeds a maximum number.

35 11. A multi-user computer system according to claim 9, comprising a waiting queue with active slots and wait slots, wherein the number of active slots equals the maximum number, further comprising means for assigning each log-on request to a slot at a certain position in the waiting queue.

12. A multi-user computer system according to claim 10, comprising means for assigning a log-on request to a next slot in the waiting queue when a user session has been created, wherein assignment of a log-on request to an active slot triggers the system to resume the creation of the requested user session

5 13. A multi-user computer system according to claim 10, comprising means for adjusting the number of active slots.

14. A computer program for controlling the creation of a user session in a multi-user computer system, comprising one or more routines for processing a log-on request entered by a user, one or more routines for determining the number of log-on requests simultaneously being processed and a routine for halting the creation of the user session when more than a maximum number of log-on requests are being processed simultaneously.

10 15. A computer program according to claim 13, comprising one or more routines for assigning each log-on request to a slot at a certain position in a waiting queue of currently pending requests, and for assigning the log-on request to a next slot in the waiting queue when a user session has been created.

16. A computer program according to claim 14, comprising one or more routines for displaying information on the position the log-on request in the waiting queue to the user.

20 17. A computer program according to claim 14 comprising one or more routines for detecting a user session of which the creation cannot be completed, and for removing the log-on request to create the user session from the waiting queue.

18. A computer program according to claim 13, comprising one or more routines for adjusting the maximum number of log-on requests.